Claims

1. In a method of chromatographic analysis of a protein sample solution, the improvement consisting in adding a Poloxamer to the protein sample solution.

2. In a method of chromatographic analysis of a protein including the step of preparing a diluted sample for bringing the protein concentration to a level acceptable for the chromatographic system used, the improvement consisting in adding a Poloxamer to the diluted sample solution.

3. The improved method of claim 1 or 2, wherein the chromatographic analysis is the quantitative determination of protein content.

4. The improved method of claim 1 or 2, wherein the chromatographic analysis is the assessment of protein purity.

5. The improved method of any of the preceding claims wherein the chromatography is size-exclusion chromatography (SEC) or reverse-phase HPLC (RP-HPLC).

6. The improved method of any of the preceding claims, wherein the protein on which analysis is carried out is a dimeric glycoprotein.

7. The improved method of any of the preceding claims wherein the protein on which analysis is carried out is FSH.

8. The improved method of any preceding claim, wherein the protein on which analysis is carried out is an interferon.

9. The improved method of any of the preceding claims wherein the protein on which analysis is carried out is Interferon beta-1a.

10. The improved method of any of the preceding claims wherein the Poloxamer is Pluronic F68 (Poloxamer 188).

11. The improved method of claim 10 wherein Pluronic F68 is employed at a concentration of 100 µg/ml in ultra-pure water in the protein sample solution.

12. The improved method of claim 10 wherein Pluronic F68 is employed at a concentration of 0.1% in sodium acetate buffer at pH 3.8 in the protein sample solution.

13. A method for the chromatographic analysis of the purity and/or quantity of a protein in a sample, comprising a step of chromatography on a sample containing a Poloxamer.

14. The method of claim 13, further comprising a step of data manipulation to determine purity and/or quantity of the protein.